



ESD
EARTH SCIENCES DIVISION

Safety Committee Meeting

Day/Date: Tuesday 11/10/09	Time: 1:30-2:30 pm
Location: 90-2063	Dial In:
Meeting Objectives: Monthly safety committee meeting	

Safety Committee Members: (☒denotes attendance)

<input checked="" type="checkbox"/> Don DePaolo	<input type="checkbox"/> Carl Steefel	<input type="checkbox"/> Todd Woods
<input checked="" type="checkbox"/> Terry Hazen	<input checked="" type="checkbox"/> John Christensen	<input checked="" type="checkbox"/> Seiji Nakagawa
<input type="checkbox"/> Mark Conrad	<input checked="" type="checkbox"/> Joern Larsen	<input type="checkbox"/> Yvette Piceno
<input type="checkbox"/> Bill Collins (on travel)	<input type="checkbox"/> B. Freifeld (teleconference)	<input checked="" type="checkbox"/> Dominique Joyner
<input type="checkbox"/> H.H. Liu (on travel)	<input type="checkbox"/> Paul Cook	<input checked="" type="checkbox"/> Joe Dionne, EH&S
<input checked="" type="checkbox"/> Greg Newman	<input checked="" type="checkbox"/> Yongman Kim	<input type="checkbox"/>
<input type="checkbox"/> M. Villavert (vacation)	<input type="checkbox"/> Rachel Porras (sick)	<input type="checkbox"/>

Safety Committee Guests: (☒denotes attendance)

<input checked="" type="checkbox"/> Kim Abbott. DOE	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Topic	Materials/Link	Lead	Time
1) First aid incident – H2S exposure		Vivi/Terry	
2) Self-assessment survey responses		Vivi	
3) Proposed Quarterly safety committee walkthroughs	Draft “ staff interview questions”	Vivi	
4) BET Meeting Update - NOT DISCUSSED		Yvette/ Joern	
5) SAC update		John C.	

Summary Discussion:

1. **First aid incident – H2S exposure:** Worker emailed concerns with eye/throat/respiratory; H2S exposure or allergies. Work stopped, incident was investigated, protocol was re-evaluated and modified, followed by EH&S exposure assessment involving several hours of air filtration- No H2S detected; final results reported by J. Dionne. The protocol was assessed by previous EH&S liaison.

During SAAR review the worker thought it was acceptable to experience health issues without reporting. Worker retook EH&S training, OJT, read/sign and understood lab procedures. Dr. Lichty will review the collected H2S air survey documentation and meet with worker to discuss final recommendations.

2. **ESD ES&H survey:** 48 staff responded to the survey, A few excerpts: way to implement consequences- solutions from other sites

Terry suggested an LBNL “Engineering Control Board” by managers, certified engineers, etc., to set policies and controls for site (i.e., electrical compliance –have an electrical control board vet the procedures prior to implementation.) Vivi/Seiji/John noted that the SAC –subcommittees may be tasked to evaluate different institutional issues.

Don suggested that Terry discusses the Issue with Jim Krupnick, since this is an institutional suggestion beyond the control of the ESD Safety committee.

3. **Safety Committee walkthrough:** Vivi suggested that the safety committee conducts quarterly walkthroughs focusing on workers. Labs can be selected at random. Preliminary approval by the committee, it was considered a good idea. Vivi to provide sample interview questions- to be reviewed/refined by committee members. Evaluate ways to implement it and sent suggestions to Vivi.

Don suggested an annual lab stand down to review safety practices; Terry mentioned that if ESD moves to Emeryville, we will need to implement “Stand Down” before work begins; EHS will need to certify work before it begins; OJTs for employees

4. SAC update:

- Nanomaterials- The DOE policy (due to expire on January 2010) was renewed for 1 year. No change in the LBNL policy.
- MESH reviews- new name “EH&S peer review.” The Chemical Sciences Division will be the first division to be reviewed.
- SLAC laser incident: On Sept 24, a SLAC/Stanford graduate student was exposed to a reflected laser beam during an alignment procedure. The student had temporarily removed the PPE laser goggles required by lab SOPs during laser operations. During the incident,

the student sustained a minor retinal burn. A Stop Work order was issued for use of Class 3B and Class 4 lasers in SLAC research laboratories, pending investigation of the incident.
 —LBNL Actions: PUB3000 to be updated with clear laser safety information.

- DOE Secretary S. Chu: Green movement. Business travel, commuting etc., to be minimized to reduce greenhouse gas emissions.
- New EH&S management will rank processes with hazards levels depending on the risk involved.
- EH&S PUB 3000: draft cryogenics chapter is being prepared. Argon, helium, liquid nitrogen, and dry ice are the cryogens being considered. Cryogenics safety course is under development.

Responsible	Action Item	Target Date
Vivi Fissekidou	Provide interview questions for safety committee walkthroughs	12/8/09

Key Decisions and Rationale	Approved By